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JUL 29 2008

Application No.: 10/731,530

Docket No.: JCLA10474

In The Claims:

Please amend the claims as follows:

Claim 1. (currently amended) A manufacturing method of a cover layer of optical storage media, comprising the following steps:

[[a]] providing a substrate;

[[b]] forming a reflective layer on the substrate;

~~[[c]] providing a plate having a plain smooth surface;~~

[[d]] applying a radiation-setting resin on the reflective layer;

providing a plate having a plain smooth surface;forming a poorly-adhesive layer on the plate;[[e]] compressing the radiation-setting resin with the plate ~~to form a light cure resin layer;~~

[[f]] rotating the resulting structure to form a radiation-setting resin layer;

[[g]] hardening the radiation-setting resin layer to form a hardened radiation-setting resin layer which serves as a cover layer; and

[[h]] separating the plate from the hardened radiation-setting resin layer, wherein the hardened radiation-setting resin layer remains adhered to the substrate and the poorly-adhesive layer remains on the plate.

Claim 2. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 1, wherein a material of the plate ~~comprises~~ plastic, glass or metal.

Application No.: 10/731,530

Docket No.: JCLA10474

Claim 3. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 1, wherein a material of the radiation-setting resin ~~comprises~~is epoxy, acrylic resin or polyester.

Claim 4. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 1, further comprising repeating the steps of compressing the radiation-setting resin with the plate; rotating the resulting structure; hardening the radiation-setting resin layer; and separating the plate from the hardened radiation-setting resin layer (d) to (h) after separating the plate from the hardened radiation-setting resin layer~~the step (h).~~

Claim 5. (previously presented) The manufacturing method of a cover layer of optical storage media of claim 1, wherein an average thickness of the cover layer is in a range of about 60 nm to about 150 nm.

Claim 6. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the method used in the step [[(h)]]of separating the plate from the hardened radiation-setting resin layer to separate the plate from the substrate comprises a center hole blowing film stripping method.

Application No.: 10/731,530

Docket No.: JCLA10474

Claim 7. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 1, further comprising a step of forming an adhesive layer on the substrate before ~~the step (d)~~ applying the radiation-setting resin on the reflective layer.

Claim 8. (previously presented) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate comprises a blue laser optical information storage media.

Claim 9. (previously presented) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the blue laser optical information storage media comprises an optical information storage media, wherein the recording and replaying operations for a gallium nitride ("GaN") laser or an ultraviolet ("UV") laser disc system uses an NA greater than 0.5 of an object lens.

Claim 10. (previously presented) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the wavelength used by the GaN laser or the UV laser disc system is smaller than 460 nm.

Claim 11. (original) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate is a disc having a recording layer.

Application No.: 10/731,530

Docket No.: JCLA10474

Claim 12. (original) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate is a disc having a plurality of recording layers.

Claim 13. (original) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate is a disc having a digital signal structure.

Claim 14. (original) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate is a disc having a read-only structure.

Claim 15. (original) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate is a disc having a write-once structure.

Claim 16. (original) The manufacturing method of a cover layer of optical storage media of claim 1, wherein the substrate is a disc having a re-writable structure.

Claim 17. (currently amended) A manufacturing method of a cover layer of optical storage media, comprising the following steps:

[[a)] providing a substrate;

[[b)] forming a reflective layer on the substrate;

[[c)] applying a radiation-setting resin on the reflective layer;

providing a plate having an adhesive layer with a flat surface formed thereon;

Application No.: 10/731,530

Docket No.: JCLA10474

(d) ~~applying a radiation-setting resin on the reflective layer;~~

[[e)] ~~compressing the radiation-setting resin with the plate to form a light-cure resin layer;~~

[[f)] rotating the resulting structure to form a radiation-setting resin layer of uniform thickness;

[[g)] hardening the radiation-setting resin layer to form a hardened radiation-setting resin layer which serves as the cover layer; and

[[h)] separating the plate from the hardened radiation-setting resin layer, wherein the hardened radiation-setting resin layer remains adhered to the substrate.

Claim 18. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 17, wherein a material of the adhesive layer ~~comprises~~ is gold, silver, aluminum, chromium, platinum, nickel, copper palladium, silicon or alloy thereof.

Claim 19. (previously presented) The manufacturing method of a cover layer of optical storage media of claim 18, wherein the adhesive layer further comprises an organic material.

Claim 20. (currently amended) The manufacturing method of a cover layer of optical storage media of claim 19, wherein the organic material ~~comprises~~ is epoxy resin, acrylic resin, polyester, nitrocellulose, polyvinyl resin, polymethyl methacrylate (PMMA), fluoropolymers or silicone rubber.